| Index  | of Claims | :<br>:                      | Applic<br>10/658  |     | on/Control No. | Applicant(s)/Patent und r<br>Re xamination<br>ROSENTHAL, JOYCE |                  |  |  |  |  |
|--------|-----------|-----------------------------|-------------------|-----|----------------|--|------------------|--|--|--|--|
|        |           |                             | Examii<br>Brian I | ner |                |  | Art Unit<br>2615 |  |  |  |  |
| √Rej   | cted -    | (Through num r<br>Cancelled | al)               | N   | Non-Elected    | A  | Appeal           |  |  |  |  |
| = Allo | wed ÷     | Restricted                  |                   | -   | Interference   | 0  | Objected         |  |  |  |  |
| Claim  | Date      | Claim                       | Dat               | e   | Claim          | T  | Date             |  |  |  |  |

| Cla                  | im       | Date     |          |               |   |  |          | Cla           |                 | Date     |          |          |                |                 |          | 7        | CI       | aim  | Date  |               |     |          |          |                 |                |   |            |                |           |          |          |          |
|----------------------|----------|----------|----------|---------------|---|--|----------|---------------|-----------------|----------|----------|----------|----------------|-----------------|----------|----------|----------|--|---|---------------|-----|----------|----------|-----------------|----------------|---|------------|----------------|-----------|----------|----------|----------|
|                      |          |          |          |               |   |  |          |               |                 |          |          | 1        |                |                 |          |          |          |  |   |               |     |          |          |                 |                |   |            |                |           |          |          |          |
| =                    | Original | 3/30/02  | 11/22/05 | 8             |   |  | [        |               |                 |          | <u>a</u> | Original |                |                 |          |          | -        |  |   |               |     | a l      | Original |                 |                |   |            |                |           |          |          |          |
| Final                | ig       | 8        | 122      | 5/31/06       |   |  |          |               |                 |          | Final    | igi      |                |                 |          |          | - 1      |  |   | -             |     | Final    | īğ.      |                 |                |   |            |                | - 1       |          |          |          |
| "                    | õ        | 'n       | =        | Ŋ             |   |  |          | . ]           |                 |          | "        | ō        |                |                 |          |          |          |  |   |               |     | -        | ō        |                 |                |   |            |                |           | -        |          |          |
| $\vdash$             | -        | 7        | 7        | 1             | - | Н  | $\dashv$ | $\dashv$      | -               | $\dashv$ | -        | 51       | $\vdash$       | $\dashv$        | $\dashv$ | $\dashv$ | +        | +  | +   | +             | -   | -        | 101      |                 | -              | - | $\vdash$   |                |           | $\dashv$ | $\dashv$ | $\dashv$ |
| <del></del>          | 1        | _        | _        |               |   |  |          |               |                 | $\dashv$ | <u> </u> |          | $\dashv$       | $\dashv$        | $\dashv$ | $\dashv$ | +        | -  | +   | -             | ┨   |          |          | -               | $\dashv$       |   |            | -              | $\dashv$  | $\dashv$ |          | $\dashv$ |
| $\vdash$             | 2        | <b>1</b> | 1        | <u> </u>      |   | Н  | $\dashv$ | $\square$     |                 | $\dashv$ | -        | 52       | -              | -               | 4        | $\dashv$ | +        | +  | +   | +             | -   |          | 102      |                 | -              |   | _          | _              |           | $\dashv$ | -+       | -        |
|                      | 3        | <b>√</b> | 1        | <b>√</b>      |   | Н  | $\dashv$ | -1            | -               | -        |          | 53       |                | $\dashv$        | $\dashv$ | $\dashv$ | -        | +  | +   | +             | 4   | -        | 103      | $\dashv$        | -              | _ |            | $\dashv$       | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$             | 4        | <b>√</b> | 1        | 1             | _ | -  | $\dashv$ |               | -+              | _        |          | 54       | -              | $\dashv$        | -        | 4        | -        | -  | +   | +             | 4   |          | 104      | -               | $\dashv$       |   | Щ          | $\dashv$       |           | $\dashv$ | -        | ᆛ        |
| $\vdash$             | 5        | 1        | 1        | <u>۷</u>      | _ | Н  | $\dashv$ | $\dashv$      |                 | -        |          | 55       |                | $\dashv$        | -        | -        | +        | -+   | -   |               | 4   | -        | 105      |                 | $\dashv$       | _ | Ш          |                |           | -        | $\dashv$ | -        |
| $\longrightarrow$    | 6        | 1        | 1        | 1             |   |  | _        |               |                 | _        | <u> </u> | 56       | -              | $\dashv$        | -4       | -        | _        | +  | _   | +             | 4   | <b>├</b> | 106      | $\dashv$        | _              |   | Щ          |                | _         | $\dashv$ | -        | ᅱ        |
|                      | 7        | ٧        | 1        | <b>V</b>      |   |  | $\Box$   |               |                 | 4        | <u> </u> | 57       |                | -               | 4        | -        | -4       | -  | -   |               | 4   | -        | 107      | $\dashv$        | _              |   | -          | $\Box$         | _         | -        | -        |          |
|                      | 8        | 1        | 1        | <b>√</b>      | _ |  |          | -             | $\dashv$        | _        | <u> </u> | 58       | $\dashv$       | _               | -        | _        | _        | -  | - -   |               | 4   | <u></u>  | 108      | _               | _              | _ | Ш          |                | _         | $\dashv$ | _        | 4        |
|                      | 9        | 1        | 1        | <b>√</b>      |   |  |          |               |                 | _        | ļ        | 59       |                | _               | 4        | 4        | 4        | _  | 4   |               | 4   | <u> </u> | 109      | _               |                |   | Ш          |                | _         |          |          | _        |
|                      | 10       | 1        | 1        | √             |   | Ш  |          |               | $\perp$         | _        | <u> </u> | 60       |                | _               | _        | _        | _        | _  | 4   | _ _           | 4   |          | 110      |                 | _              |   |            |                | _         | _        | _        | _        |
|                      | 11       | ٥        | ٥        | ٥             |   |  |          |               |                 | _        |          | 61       |                |                 | _        | _        |          | _  | _   |               | _   |          | 111      |                 | _              |   |            |                | _         | _        | _        | _        |
|                      | 12       | ٥        | ٥        | 0             |   |  |          |               |                 | _        |          | 62       |                |                 | _        | _        |          | $\perp$  | $\perp$   |               | 1   | <u></u>  | 112      |                 |                |   | Щ.         |                |           |          | _        | _        |
| L]                   | 13       | 0        | ٥        | ٥             |   |  |          |               |                 |          |          | 63       | Ш              |                 |          |          | _        | _  | $\perp$   |               | ╛   |          | 113      |                 | $\Box$         |   | Ш          |                | _         | $\perp$  | $\perp$  |          |
|                      | 14       | 0        | 0        | ٥             |   |  |          |               |                 |          |          | 64       | Ш              |                 | [        |          |          |  |   |               | ]   | <u></u>  | 114      |                 |                |   |            |                |           |          |          |          |
|                      | 15       | 0        | 0        | 0             |   |  |          |               |                 |          |          | 65       | Ш              |                 |          | $\Box$   | $\Box$   |  |   |               | ╛   |          | 115      | I               |                | ] |            |                | [         | $\Box$   |          | ╝        |
|                      | 16       | 0        | 0        | 0             |   |  |          |               |                 | _]       |          | 66       |                |                 |          | $\Box$   | $\Box$   |  |   |               | ╛   |          | 116      |                 |                |   |            |                |           |          |          | $\Box$   |
|                      | 17       | 0        | 0        | 0             |   |  |          |               |                 |          |          | 67       |                |                 |          |          |          |  |   |               |     |          | 117      |                 |                |   |            |                |           |          |          |          |
|                      | 18       | 0        | 0        | 0             |   |  |          |               |                 |          |          | 68       |                |                 |          |          |          |  |   |               | ]   |          | 118      |                 |                |   |            |                |           |          |          |          |
|                      | 19       | 0        | 0        | 0             |   |  |          |               |                 | $\neg$   |          | 69       |                |                 | $\Box$   | $\neg$   | $\neg$   | Т  | Т   |               | 7   |          | 119      |                 |                |   |            |                |           |          |          | $\neg$   |
|                      | 20       | 0        | 0        | 0             |   |  |          |               |                 | $\neg$   |          | 70       |                |                 | $\neg$   | $\neg$   | $\neg$   | T  | $\top$  | $\top$        | 7   |          | 120      |                 |                |   |            |                |           |          |          | $\Box$   |
|                      | 21       | 1        | V        | V             |   |  |          |               |                 | $\neg$   |          | 71       | П              |                 |          |          |          | T  | T   |               | 7   |          | 121      |                 |                |   |            |                |           | П        |          |          |
|                      | 22       | 1        | 1        | ٧.            |   |  |          |               |                 | _1       |          | 72       |                |                 | $\neg$   | $\neg$   |          | П  | T   | $\neg \vdash$ | 7   |          | 122      |                 |                |   |            |                |           |          |          |          |
|                      | 23       | 0        | 0        | 0             |   |  |          |               |                 | $\neg$   |          | 73       | П              | $\neg$          | コ        | ヿ        | 一        | $\neg$   | 十   | $\top$        | 1   |          | 123      |                 |                |   |            |                |           |          |          | $\neg$   |
|                      | 24       | 0        | 0        | 0             |   |  |          |               |                 | $\dashv$ |          | 74       | П              | $\dashv$        | 寸        | $\neg$   | $\dashv$ | 7  | $\top$  | $\top$        | 1   |          | 124      |                 |                |   |            |                |           |          |          | ヿ        |
|                      | 25       | 0        | 0        | 0             |   | _  |          |               | $\neg$          | $\dashv$ |          | 75       | П              | $\neg$          | 一        |          | _        | 寸  | +   |               | 1   |          | 125      |                 |                |   |            |                |           |          |          | ヿ        |
|                      | 26       | 0        | 0        | ō             | _ | $\vdash$   |          | $\overline{}$ | $\neg$          | $\dashv$ | _        | 76       | Н              |                 | 寸        | 十        | $\dashv$ | 十  | $\top$  | $\top$        | 1   |          | 126      |                 | $\neg$         |   |            | $\neg$         |           | _        | $\dashv$ | $\neg$   |
|                      | 27       | ō        | 0        | 0             |   |  |          |               |                 | $\dashv$ |          | 77       | Н              | $\neg$          | 一        | $\neg$   | _        | 十  | +   | +-            | 1   |          | 127      |                 | $\neg$         |   |            |                |           |          |          | ┪        |
|                      | 28       | 0        | 0        | 0             | _ |  |          |               | _               | $\dashv$ |          | 78       | Н              | $\dashv$        | $\dashv$ | _        | $\dashv$ | -  | +   | _             | 1   |          | 128      | П               | $\neg$         | - |            | $\overline{}$  |           | $\neg$   |          | ᅱ        |
| $\vdash$             | 29       | o        | 0        | 0             |   |  | -        |               | $\neg$          | $\dashv$ | <u> </u> | 79       |                | $\vdash$        | 一        | -        | $\dashv$ | +  | $\dashv$  | $\dashv$      | ┨   |          | 129      | $\Box$          | _              | _ | H          |                |           | $\neg$   | _        | ᅥ        |
| -                    | 30       | 0        | 0        | 0             |   | H  |          | $\vdash$      |                 | $\dashv$ | $\vdash$ | 80       | -              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +  | +   | +             | ┨   |          | 130      | $\dashv$        | $\dashv$       | _ | _          |                |           | -        | -        | -        |
| $\vdash$             | 31       | 7        | 7        | 7             |   |  | -        | $\vdash$      | $\vdash$        | $\dashv$ | -        | 81       | -              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | ╅  | +   | +             | ┨   |          | 131      | $\vdash$        | $\dashv$       | - |            |                |           | ╅        | $\dashv$ | $\dashv$ |
| $\vdash\vdash\vdash$ | 32       | 7        | √<br>√   | √<br>√        |   | -  | $\vdash$ | $\vdash$      | $\vdash$        | $\dashv$ | -        | 82       | Н              | $\vdash$        | $\dashv$ | $\dashv$ | -+       | +  | +   | +             | 1   | $\vdash$ | 132      | $\vdash \vdash$ | $\vdash$       |   |            | $\dashv$       | $\vdash$  | _        | $\dashv$ | $\dashv$ |
| $\vdash$             | 33       | 7        | √<br>√   | 1             |   | $\vdash$   | $\vdash$ | $\vdash$      | $\vdash$        | $\dashv$ | -        | 83       | $\vdash$       | $\vdash$        | -        | $\dashv$ | $\dashv$ | +  | +   | +             | 1   | -        | 133      | $\vdash$        |                |   | $\vdash$   | $\dashv$       | $\dashv$  | $\dashv$ |          | $\dashv$ |
| $\vdash$             | 34       | 7        | <b>√</b> | 7             |   | $\vdash$   | $\vdash$ |               | $\vdash$        | $\dashv$ |          | 84       | $\vdash$       | $\vdash$        | +        | -        | $\dashv$ | -  | +   | +             | 1   | 1        | 134      | Н               | $\vdash$       |   | $\vdash$   | $\dashv$       | $\dashv$  |          | $\dashv$ | ᅱ        |
| $\vdash$             |          | 7        | 7        | 7             | _ | $\vdash$   |          | Н             | $\dashv$        | $\dashv$ |          | 85       | Н              | $\vdash$        | $\dashv$ | -1       | $\dashv$ | +  | +   | +             | -   | -        | 135      | $\vdash$        | $\vdash$       |   | -          | H              | -         | -        | $\dashv$ | $\dashv$ |
| $\vdash$             | 35       |          |          | 7             |   | $\vdash$   | Н        | $\vdash$      | $\vdash$        | $\dashv$ |          |          | $\vdash$       | $\vdash \vdash$ | -+       | -+       | -        | +  | +   | +             | -   | -        | 136      | Н               |                | _ | -          | $\vdash$       |           | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$             | 36       | 1        | 1        | $\overline{}$ |   | <u> </u>   | Н        | $\vdash$      | $\vdash$        | $\dashv$ |          | 86       | $\vdash\vdash$ | $\vdash$        |          |          | -+       | +  | +   |               | -   | -        | 135      | Н               |                |   | -          | $\vdash$       |           |          | -        | ᅴ        |
| $\vdash$             | 37       | 4        | 1        | 1             |   | <u> </u>   | -        | -             | $\vdash$        | $\dashv$ |          | 87       | $\vdash\vdash$ | Н               |          |          | -+       | +  | +   |               | 4   |          |          | Н               | $\vdash$       |   | -          | $\vdash\vdash$ | -         | -        |          | $\dashv$ |
|                      | 38       | 1        | 1        | 1             |   | $\vdash$   | Ш        | -             | $\vdash$        | $\dashv$ |          | 88       | Н              | Н               |          | -        | -+       | +  | +   | +             | -   | <u> </u> | 138      | Н               | $\vdash\vdash$ |   | <u> </u>   | Н              | $\dashv$  |          | -        | 긕        |
| $\vdash$             | 39       | 0        | 0        | •             |   | _  | <u> </u> |               | $\vdash \vdash$ | _        |          | 89       | Щ              | $\vdash$        |          |          |          | -  | 4   |               | 4   | -        | 139      | Н               | Н              |   | <u> </u>   | Н              | $\square$ | -        |          | _        |
| $\perp \perp$        | 40       | 0        | 0        | ٥             |   | <u> </u>   | L        | $\sqcup$      | Щ               | _        |          | 90       | Ш              | Ш               | _        | _        |          | 4  | 4   | _ _           | 4   |          | 140      | Щ               |                |   | <u> </u>   | Щ              |           | _        | _        | $\dashv$ |
|                      | 41       | 0        | 0        | 0             |   | L  | Щ        | Щ             | Ш               | _        | <u> </u> | 91       | Ш              | Ш               | _        | _        |          | 4  | $\perp$   | $\bot$        | 4   |          | 141      | Ш               | Щ              |   | L          | Ш              |           | _        | _        | _        |
| $\square$            | 42       | =        | 1        | 7             |   | $\sqcup$   | Ш        | L             | Ш               | _        | <u> </u> | 92       | Ш              | Ш               | $\dashv$ | _        | _        | 4  | _   | $\perp$       | 1   |          | 142      | Ш               | $\Box$         |   |            | Ш              | $\Box$    |          |          | _        |
| $\perp$              | 43       | =        | 1        | √             |   | Ш  |          | Ш             | Ш               | Ц        |          | 93       | Ш              | Ш               |          | ļ        | _        | 4  | _   |               | ↓ . |          | 143      |                 |                |   |            | Щ              |           | _        |          | $\dashv$ |
|                      | 44       | =        | 7        | 1             |   | $ldsymbol{ld}}}}}}}}}$ | Щ        | L_            | Щ               | _        |          | 94       | Ш              | Ш               | _        | _        |          | _  | 4   | 4             | 1   | ļ        | 144      | Ш               | Щ              |   | lacksquare | Ш              | $\Box$    | $\dashv$ |          | _        |
| $\Box$               | 45       | =        | 0        | 0             |   |  |          |               | Ш               | $\Box$   | L        | 95       | Ш              |                 | _        |          | _        | 4  |   |               | 4   |          | 145      | Ш               | Ш              |   | L          |                | Ш         |          | _        |          |
| $\Box$               | 46       | =        | ٥        | 0             |   |  |          |               | Ш               | _        |          | 96       |                | Ш               |          | $\perp$  |          | $\perp$  | $\perp$   | 丄             | 1   |          | 146      | Ш               |                |   | Ш          | Ш              | $\Box$    | $\perp$  | _1       |          |
|                      | 47       |          | <        | 1             |   |  |          |               |                 |          |          | 97       |                | $\Box$          |          |          |          |  |   |               | _   |          | 147      | Ш               |                |   | $\Box$     |                |           |          |          |          |
|                      | 48       |          |          | =             |   |  |          |               |                 |          |          | 98       |                |                 |          |          |          | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |               | ╛   |          | 148      |                 |                |   | L          |                |           |          |          |          |
|                      | 49       |          |          | =             |   |  |          |               |                 |          |          | 99       |                |                 |          |          |          | $oldsymbol{ol}}}}}}}}}}}}}}} $ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$    |               | ╛   |          | 149      | L               |                |   |            |                |           |          |          |          |
|                      | 50       |          |          |               |   |  |          |               |                 |          |          | 100      |                |                 | Ī        | T        | T        | T  | Τ   |               | ╛   |          | 150      |                 |                |   |            |                |           |          |          |          |